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PATENT APPLICATION

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Nobuaki HASHIMOTO

Group Art Unit: 2827

Application No.: 09/486,556

Examiner: I. Patel

Filed: February 29, 2000

Docket No.: 105029

For: SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURE THEREOF,  
CIRCUIT BOARD AND ELECTRONIC INSTRUMENTTERMINAL DISCLAIMERCommissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Your Petitioner, Seiko Epson Corporation, represents that it is the owner of a 100% interest in the above-identified patent application by virtue of an Assignment filed February 29, 2000, and recorded at Reel 010758, Frame 0890. The undersigned also certifies that he is empowered to execute this Terminal Disclaimer on behalf of the assignee.

Your Petitioner hereby disclaims the terminal part of the statutory term of any patent granted on the above-identified application, which would extend beyond the expiration of the full statutory term as presently shortened by any Terminal Disclaimer, of U.S. Patent No. 6,462,284 issued October 8, 2002 and hereby agrees that any patent so granted on the above-identified application shall be enforceable only for and during such period that the legal title to said U.S. Patent shall be the same as the legal title to any patent issuing from the above-identified application, this agreement to run with any patent granted on the above-identified application and to be binding upon the grantee, its successors or assigns.

Petitioner does not disclaim any terminal part of any patent granted on the above-identified application prior to the expiration of the full statutory term as presently shortened by any Terminal Disclaimer of said U.S. Patent in the event that it later: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321, has all claims canceled by a reexamination certificate, is reissued, or is otherwise terminated prior to the expiration of its full statutory term as presently shortened by any Terminal Disclaimer.

Our Check No. 141942 in the amount of \$110.00 is attached in accordance with 37 CFR 1.20(d). The U.S. Patent and Trademark Office is authorized to debit Deposit Account No. 15-0461 in the amount necessary to effect filing of this Terminal Disclaimer.

DATE: May 6, 2003

SIGNED:

15/07/2003 WNDHAM1 00000045 09486556

TYPED NAME:

Thomas J. Pardini

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110.00 DP

TITLE OR REGISTRATION NO.  
OF ATTORNEY OF RECORD:

30,411